

KIM et al.
Ser. No. 10/016,174
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IN THE CLAIMS

Please amend claims 33 and 42 and add claims 45-47. Please substitute the amended below with the like-numbered claims in the application and add the new claims. Versions of the amended and new claims showing the changes made are provided on the page following the Remarks section.

B1
~~33.~~ A laser module comprising:

a laser diode having a front facet;

an optical fiber having a fiber end disposed to form a coupling region between the front facet and the fiber end to couple light emitted from the front facet to the optical fiber; and

a monitor photo diode disposed to couple light from at least one of the fiber end and the front facet.

B2
~~42.~~ A laser package with reduced tracking error, the laser package comprising:

a laser diode source having a laser cavity between a front facet and a back facet,

an optical fiber having an angled chisel lensed fiber input end disposed proximate to the front facet of the laser diode source to receive a first light output from the front facet, the angled chisel lensed fiber input end having a lens edge that is not perpendicular to a center axis of the optical fiber, and the optical fiber including a fiber Bragg grating providing back-reflected light to the laser cavity; and

a laser monitor disposed proximate to the back facet of the laser diode source to receive a second light output from the back facet, the second light output including amplified back-reflected light.

B3
~~45.~~ The laser package of claim ~~42~~ wherein the fiber Bragg grating has a reflectivity greater than a cavity reflectivity of the front facet of the laser diode.

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